

NEW ABSTRACT:

Please find the following new abstract:

Abstract of the Disclosure

A fuel injection valve for internal combustion engines, having a valve body with a bore defined on its end toward the combustion chamber by a conical valve seat, with a valve needle disposed longitudinally displaceably in the bore and a sealing face with two sealing portions on its end toward the combustion chamber with the second conical face being disposed on the combustion chamber side of the first conical face. An annular groove extending between the conical faces has an end facing away from the combustion chamber which acts as a sealing edge upon contact of the valve sealing face with the valve seat. Recesses embodied in the valve seat and/or on the valve sealing face hydraulically connect the annular groove with a portion of the second conical face located on the combustion chamber side of the annular groove.